JC04 Rec'd PCT/PTO 04 AUG 2005

Applicant:

Atty. Dkt. No. 036222-0212

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Albert R. Deisseroth and Lixin

Zhang

Title:

ADENOVIRAL VECTOR

VACCINE

Appl. No.:

10/534,605

Filing Date:

05/11/2005

Examiner:

Art Unit:

CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below. ANTA PATEL (Brinted Name) (Signature) (Oute of Deposit)

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.56

Mail Stop Amendment-IDS Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-0872. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-0872.

Respectfully submitted,

Date

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O I P & Substitute for for		Complete if Known		
INFORMATION	DISCLOSURE	Application Number	10/534,605	
STATEMENT R		Filing Date	May 11, 2005	
AUG 0 4 2005 11		First Named Inventor	Albert B. Deisseroth	
		Group Art Unit		
(use as many shee	ets as necessary)	Examiner Name		
Sheet Ange !!! 1	of 9	Attorney Docket Number	036222-0212	

				U.S. PATENT DOCUMENTS	3		
Examiner	Cite	Cite U.S. Patent Docu		Name of Patentee or Applicant of	Date of Publication of	Pages, Columns, Lines, Where Relevant	
Initials*	No.1	Number	Kind Code ² (if known)	Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	
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	A2	4,161,519		Talwar	07-17-1979	-	
	A3	4,608,251		Mia	08-26-1986		
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Examiner Initials*	Cite No.1	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶			
	A27	WO 2004/044176	Deisseroth et al.	05-27-2004					
	A28	WO 96/11279	The Government of the United States of America	04-18-1996					
	A29	WO 98/17799	The Trustees of the University of Pennsylvania	04-30-1998					

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¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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	Substitute for for	m 1449B/	PTO	•	Complete if Known	
	INFORMATION I	DISCLO	SURE	Application Number	10/534,605	
	STATEMENT BY APPLICANT			Filing Date	May 11, 2005	
				First Named Inventor	Albert B. Deisseroth	
•				Group Art Unit		
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Sheet	2	of	9	Attorney Docket Number	036222-0212	

		NON PATENT LITERATURE DOCUMENTS	
Exam iner Initial s*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
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	A81	Rininsland et al., Granzyme B ELISPOT assay for ex vivo measurements of T cell immunity. J Immunol Methods 240:143-155, 2000.	
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	A88	Timmerman and Levy, Dendritic cell vaccines for cancer immunotherapy. Annual Rev Med. 50: 507-529, 1999.	

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	INFORMATI	ON DISCLO	SURE	Application Number	10/534,605	
	STATEMEN	T BY APPLI	CANT	Filing Date	May 11, 2005	
				First Named Inventor	Albert B. Deisseroth	
				Group Art Unit		
	(use as many s	sheets as ne	cessary)	Examiner Name		
Sheet 8 of 9			9	Attorney Docket Number	036222-0212	

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A91	XIANG, et al., "A dual-function DNA vaccine encoding carcinoembryonic antigen and CD40 ligand trimer induces T cell-mediated protective immunity against colon cancer in carcinoembryonic antigen-transgenic mice," <i>The Journal of Immunology</i> , 167:4560-4565 (2001)	
A92	YAMAMOTO M., et al., "Interaction of the DF3/MUC1 Breast Carcinoma-associated Antigen and -Catenin in Cell Adhesion," <i>J. Biol. Chem.</i> 272:12492-12494 (1997)	
A93	YANAGI, et al., "Immuno-gene therapy with adenoviruses expressing fms-like tyrosine kinase 3 ligand and CD40 ligand for mouse hepatoma cells in vivo," <i>International Journal of Oncology</i> 22:345-351 (2003)	
A94	YU, et al., "Overexpression of MUC5 genes is associated with early post-operativemetastasis in non-small-cell lung cancer," <i>Int. J. Cancer</i> 69:457-465 (1996)	
A95	ZHANG, et al., "An adenoviral vector cancer vaccine that delivers a tumor-associated antigen/CD40-ligand fusion protein to dendritic cells," <i>Proc. Natl. Acad. Sci</i> (USA) 100(25):15101 (2003)	
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	A98	ZRIHAN-LICHT S., et al., "Tyrosine phosphorylation of the MUC1 breast cancer membrane proteins. Cytokine receptor-like molecules," <i>FEBS Lett.</i> 356:130-136 (1994)				
	A99	Zwaveling et al., Established human papillomavirus type 16-expressing tumors are effectively eradicated following vaccination with long peptides. J Immunol, 169:350-358, 2002.				

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